AMENDMENTS TO THE CLAIMS

Please amend the claims as detailed below.

16. (currently amended) In a computing apparatus, a method of operation by a computer aided design (CAD) application, the method comprising:

generating a failure indication upon encountering a failure during an operation performed for a user design ; and

automatically facilitating a user in determining a location of the failure and determining a solution for the failure.

17. (original) The method of claim 16, wherein said encountering comprises encountering an occurrence of one or more software events that are to result in at least one of an error and a warning.

18. (original) The method of claim 16, wherein said automatically facilitating comprises generating and displaying a user interface having a title indicative of the operation during which operation, the failure was encountered.

19. (original) The method of claim 16, wherein said automatically facilitating comprises generating and displaying one or more expandable error messages.

20. (original) The method of claim 16, wherein said automatically facilitating comprises generating and displaying one or more error messages in a hierarchical

manner.

21. (original) The method of claim 16, wherein said automatically facilitating comprises facilitating receiving an indication of at least one of editing, canceling, and accepting the failure.

22. (original) The method of claim 16, wherein said automatically facilitating comprises generating and displaying a message having a suggestion for solving the failure.

23. (original) The method of claim 16, wherein said automatically facilitating comprises visually indicating a portion of the user design associated with the failure.

24. (original) The method of claim 23, wherein said visually indicating comprises highlighting the portion of the user design associated with the failure.

25. (original) The method of claim 23, wherein visually indicating comprises generating and displaying a graphical representation of a light bulb.

26. (currently amended) An apparatus comprising:

a storage medium having stored therein a plurality of programming instructions, which when executed, the instructions cause the apparatus to generate a failure indication upon encountering a failure during an operation performed for a user design,

and automatically facilitate a user in determining a location of the failure and determining a solution for the failure.

27. (original) The apparatus of claim 26, wherein said programming instructions, which when executed, cause the apparatus to encounter an occurrence of one or more software events that are to result in at least one of an error and a warning.

28. (original) The apparatus of claim 26, wherein said programming instructions, which when executed, cause the apparatus to generate and display a user interface having a title indicative of the operation during which operation, the failure was encountered.

29. (original) The apparatus of claim 26, wherein said programming instructions, which when executed, cause the apparatus to generate and display one or more expandable error messages.

30. (original) The apparatus of claim 26, wherein said programming instructions, which when executed, cause the apparatus to generate and display one or more error messages in a hierarchical manner.

31. (original) The apparatus of claim 26, wherein said programming instructions, which when executed, cause the apparatus to facilitate receiving an indication of at least one of editing, canceling, and accepting the failure.

32. (original) The apparatus of claim 26, wherein said programming instructions, which when executed, cause the apparatus to generate and display a message having suggestion for solving the failure.

33. (original) The apparatus of claim 26, wherein said programming instructions, which when executed, cause the apparatus to visually indicate a portion of the user design associated with the failure.

34. (original) The apparatus of claim 33, wherein said programming instructions, which when executed, cause the apparatus to highlight the portion of the user design associated with the failure.

35. (original) The apparatus of claim 33, wherein said programming instructions, which when executed, cause the apparatus to generate and display a graphical representation of a light bulb.

36. (currently amended) An article of manufacture having stored therein a plurality of programming instructions, which when executed, the instructions cause a machine to generate a failure indication upon encountering a failure during an operation performed for a user design, and automatically facilitate a user in determining a location of the failure and determining a solution for the failure.

37. (original) The article of manufacture of claim 36, wherein said programming instructions, which when executed, cause the machine to encounter an occurrence of one or more software events that are to result in at least one of an error and a warning.

38. (original) The article of manufacture of claim 36, wherein said programming instructions, which when executed, cause the machine to generate and display a user interface having a title indicative of the operation during which operation, the failure was encountered.

39. (original) The article of manufacture of claim 36, wherein said programming instructions, which when executed, cause the machine to generate and display one or more expandable error messages.

40. (original) The article of manufacture of claim 36, wherein said programming instructions, which when executed, cause the machine to generate and display one or more error messages in a hierarchical manner.

41. (original) The article of manufacture of claim 36, wherein said programming instructions, which when executed, cause the machine to facilitate receiving an indication of at least one of editing, canceling, and accepting the failure.

42. (original) The article of manufacture of claim 36, wherein said programming instructions, which when executed, cause the machine to generate and display a

message having suggestion for solving the failure.

43. (original) The article of manufacture of claim 36, wherein said programming instructions, which when executed, cause the machine to visually indicate a portion of the user design associated with the failure.

44. (original) The article of manufacture of claim 43, wherein said programming instructions, which when executed, cause the machine to highlight the portion of the user design associated with the failure.

45. (original) The article of manufacture of claim 43, wherein said programming instructions, which when executed, cause the machine to generate and display a graphical representation of a light bulb.